



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

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SECRETARY

EDS MEMO TO: All users of NCBDS

FROM: Brian Hanks, P. E.  
Project Engineer

DATE: May 24, 2011

SUBJECT: NCBDS END BENT PROGRAM

The *NCBDS* End Bent program has been updated to correct an error associated with the end bent's lateral capacity when the user inputs more piles than are required for design. Prior to the correction, the lateral capacity of additional vertical piles was not considered, which, in some instances, resulted in designs with piles that were unnecessarily battered. This correction only affects analysis runs; design runs are not affected by this update.

BCH/AC

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